Lichao Su

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45 papers	614 citations	14 h-index	23 g-index
51 ext. papers	1,041 ext. citations	9.9 avg, IF	4.59 L-index

#	Paper	IF	Citations
45	Gas-Mediated Cancer Bioimaging and Therapy. *ACS Nano*, **2019**, 13, 10887-10917	16.7	108
44	Biologically Responsive Plasmonic Assemblies for Second Near-Infrared Window Photoacoustic Imaging-Guided Concurrent Chemo-Immunotherapy. *ACS Nano*, **2020**, 14, 3991-4006	16.7	50
43	Single Wavelength Laser Excitation Ratiometric NIR-II Fluorescent Probe for Molecule Imaging in Vivo. *Analytical Chemistry*, **2020**, 92, 6111-6120	7.8	37
42	Light-activated gold nanorod vesicles with NIR-II fluorescence and photoacoustic imaging performances for cancer theranostics. *Theranostics*, **2020**, 10, 4809-4821	12.1	36
41	Dual Ratiometric SERS and Photoacoustic Core-Satellite Nanoprobe for Quantitatively Visualizing Hydrogen Peroxide in Inflammation and Cancer. *Angewandte Chemie - International Edition*, **2021**, 60, 7323-7332	16.4	32
40	Quantitative Photoacoustic Diagnosis and Precise Treatment of Inflammation In Vivo Using Activatable Theranostic Nanoprobe. *Advanced Functional Materials*, **2020**, 30, 2001771	15.6	27
39	Singlet Oxygen Generation in Dark-Hypoxia by Catalytic Microenvironment-Tailored Nanoreactors for NIR-II Fluorescence-Monitored Chemodynamic Therapy. *Angewandte Chemie - International Edition*, **2021**, 60, 15006-15012	16.4	23
38	Activatable nanoscale metal-organic framework for ratiometric photoacoustic imaging of hydrogen sulfide and orthotopic colorectal cancer in vivo. *Science China Chemistry*, **2020**, 63, 1315-1322	7.9	19
37	Asymmetric Core-Shell Gold Nanoparticles and Controllable Assemblies for SERS Ratiometric Detection of MicroRNA. *Angewandte Chemie - International Edition*, **2021**, 60, 12560-12568	16.4	19
36	Plasmonic-Fluorescent Janus Ag/AgS Nanoparticles for HO-Activated NIR-II Fluorescence Imaging. *Nano Letters*, **2021**, 21, 2625-2633	11.5	18
35	Quantum Dot-Based Sensitization System for Boosted Photon Absorption and Enhanced Second Near-Infrared Luminescence of Lanthanide-Doped Nanoparticle. *Analytical Chemistry*, **2020**, 92, 6094-6102	7.8	17
34	Dual activated NIR-II fluorescence and photoacoustic imaging-guided cancer chemo-radiotherapy using hybrid plasmonic-fluorescent assemblies. *Nano Research*, **2020**, 13, 3268-3277	10	16
33	Quantitative Assessment of Copper(II) in Wilson's Disease Based on Photoacoustic Imaging and Ratiometric Surface-Enhanced Raman Scattering. *ACS Nano*, **2021**, 15, 3402-3414	16.7	16
32	Structural Transformative Antioxidants for Dual-Responsive Anti-Inflammatory Delivery and Photoacoustic Inflammation Imaging. *Angewandte Chemie - International Edition*, **2021**, 60, 14458-14466	16.4	14
31	In Vivo X-ray Triggered Catalysis of H Generation for Cancer Synergistic Gas Radiotherapy. *Angewandte Chemie - International Edition*, **2021**, 60, 12868-12875	16.4	13
30	Dye-Sensitized Downconversion Nanoprobes with Emission Beyond 1500 nm for Ratiometric Visualization of Cancer Redox State. *Advanced Functional Materials*, **2021**, 31, 2009942	15.6	13
29	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cell-Based Immunotherapy by Ratiometric NIR-II Fluorescence Imaging. *Angewandte Chemie - International Edition*, **2021**, 60, 20888-20896	16.4	12

28	Superparamagnetic iron oxide nanoparticles modified with dimyristoylphosphatidylcholine and their distribution in the brain after injection in the rat substantia nigra. *Materials Science and Engineering C*, **2017**, 81, 400-406	8.3	11
27	Site-Specific Biomimicry of Antioxidative Melanin Formation and Its Application for Acute Liver Injury Therapy and Imaging. *Advanced Materials*, **2021**, 33, e2102391	24	11
26	Activatable Ratiometric NIR-II Fluorescence Nanoprobe for Quantitative Detection of HS in Colon Cancer. *Analytical Chemistry*, **2021**, 93, 9356-9363	7.8	11
25	NIR-II Photoacoustic Reporter for Biopsy-Free and Real-Time Assessment of Wilson's Disease. *Small* , **2021**, 17, e2008061	11	10
24	Transferrin-Conjugated Superparamagnetic Iron Oxide Nanoparticles as In Vivo Magnetic Resonance Imaging Contrast Agents. *Journal of Nanoscience and Nanotechnology*, **2020**, 20, 2018-2024	1.3	9
23	Subcellular distributions of iron oxide nanoparticles in rat brains affected by different surface modifications. *Journal of Biomedical Materials Research - Part A*, **2019**, 107, 1988-1998	5.4	8
22	Enhanced cellular uptake of iron oxide nanoparticles modified with 1,2-dimyristoyl-sn-glycero-3-phosphocholine. *RSC Advances*, **2017**, 7, 38001-38007	3.7	8
21	Ultrasound-propelled Janus Au NR-mSiO2 nanomotor for NIR-II photoacoustic imaging guided sonodynamic-gas therapy of large tumors. *Science China Chemistry*, **2021**, 64, 2218	7.9	7
20	Uncovering a possible role of reactive oxygen species in magnetogenetics. *Scientific Reports*, **2020**, 10, 13096	4.9	7
19	Singlet Oxygen Generation in Dark-Hypoxia by Catalytic Microenvironment-Tailored Nanoreactors for NIR-II Fluorescence-Monitored Chemodynamic Therapy. *Angewandte Chemie*, **2021**, 133, 15133-15139	3.6	7
18	Highly Controlled Janus Organic-Inorganic Nanocomposite as a Versatile Photoacoustic Platform. *Angewandte Chemie - International Edition*, **2021**, 60, 17647-17653	16.4	7
17	A NO-Responsive Ratiometric Fluorescent Nanoprobe for Monitoring Drug-Induced Liver Injury in the Second Near-Infrared Window. *Analytical Chemistry*, **2021**, 93, 15279-15287	7.8	6
16	Mesoporous radiosensitized nanoprobe for enhanced NIR-II photoacoustic imaging-guided accurate radio-chemotherapy. *Nano Research*,1	10	4
15	NIR-II Fluorescent Biodegradable Nanoprobes for Precise Acute Kidney/Liver Injury Imaging and Therapy. *Analytical Chemistry*, **2021**, 93, 13893-13903	7.8	4
14	Neodymium (3+)-Coordinated Black Phosphorus Quantum Dots with Retrievable NIR/X-Ray Optoelectronic Switching Effect for Anti-Glioblastoma. *Small*, **2021**, e2105160	11	3
13	Asymmetric Core–Shell Gold Nanoparticles and Controllable Assemblies for SERS Ratiometric Detection of MicroRNA. *Angewandte Chemie*, **2021**, 133, 12668-12676	3.6	3
12	Highly Controlled Janus Organic-Inorganic Nanocomposite as a Versatile Photoacoustic Platform. *Angewandte Chemie*, **2021**, 133, 17788-17794	3.6	3
11	Improving the sensitivity of contrast-enhanced MRI and sensitive diagnosing tumors with ultralow doses of MnO octahedrons. *Theranostics*, **2021**, 11, 6966-6982	12.1	3

10	Tracking Cell Viability for Adipose-Derived Mesenchymal Stem Cell-Based Therapy by Quantitative Fluorescence Imaging in the Second Near-Infrared Window.. *ACS Nano*, **2022**,	16.7	2
9	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cell-Based Immunotherapy by Ratiometric NIR-II Fluorescence Imaging. *Angewandte Chemie*, **2021**, 133, 21056-21064	3.6	2
8	An Activatable Hybrid Organic-Inorganic Nanocomposite as Early Evaluation System of Therapy Effect. *Angewandte Chemie - International Edition*, **2021**,	16.4	2
7	Activated molecular probes for enzyme recognition and detection.. *Theranostics*, **2022**, 12, 1459-1485	12.1	1
6	Attachment of streptavidin-modified superparamagnetic iron oxide nanoparticles to the PC-12 cell membrane. *Biomedical Materials (Bristol)*, **2020**, 15, 045014	3.5	1
5	In Vivo X-ray Triggered Catalysis of H2 Generation for Cancer Synergistic Gas Radiotherapy. *Angewandte Chemie*, **2021**, 133, 12978-12985	3.6	1
4	Structural Transformative Antioxidants for Dual-Responsive Anti-Inflammatory Delivery and Photoacoustic Inflammation Imaging. *Angewandte Chemie*, **2021**, 133, 14579-14587	3.6	1
3	Degraded Hyaluronic Acid-Modified Magnetic Nanoparticles. *Journal of Nanomaterials*, **2020**, 2020, 1-8	3.2	1
2	Dual Ratiometric SERS and Photoacoustic Core–Satellite Nanoprobe for Quantitatively Visualizing Hydrogen Peroxide in Inflammation and Cancer. *Angewandte Chemie*, **2021**, 133, 7399-7408	3.6	1
1	NIR-II emissive AIEgen photosensitizers enable ultrasensitive imaging-guided surgery and phototherapy to fully inhibit orthotopic hepatic tumors.. *Journal of Nanobiotechnology*, **2021**, 19, 419	9.4	0